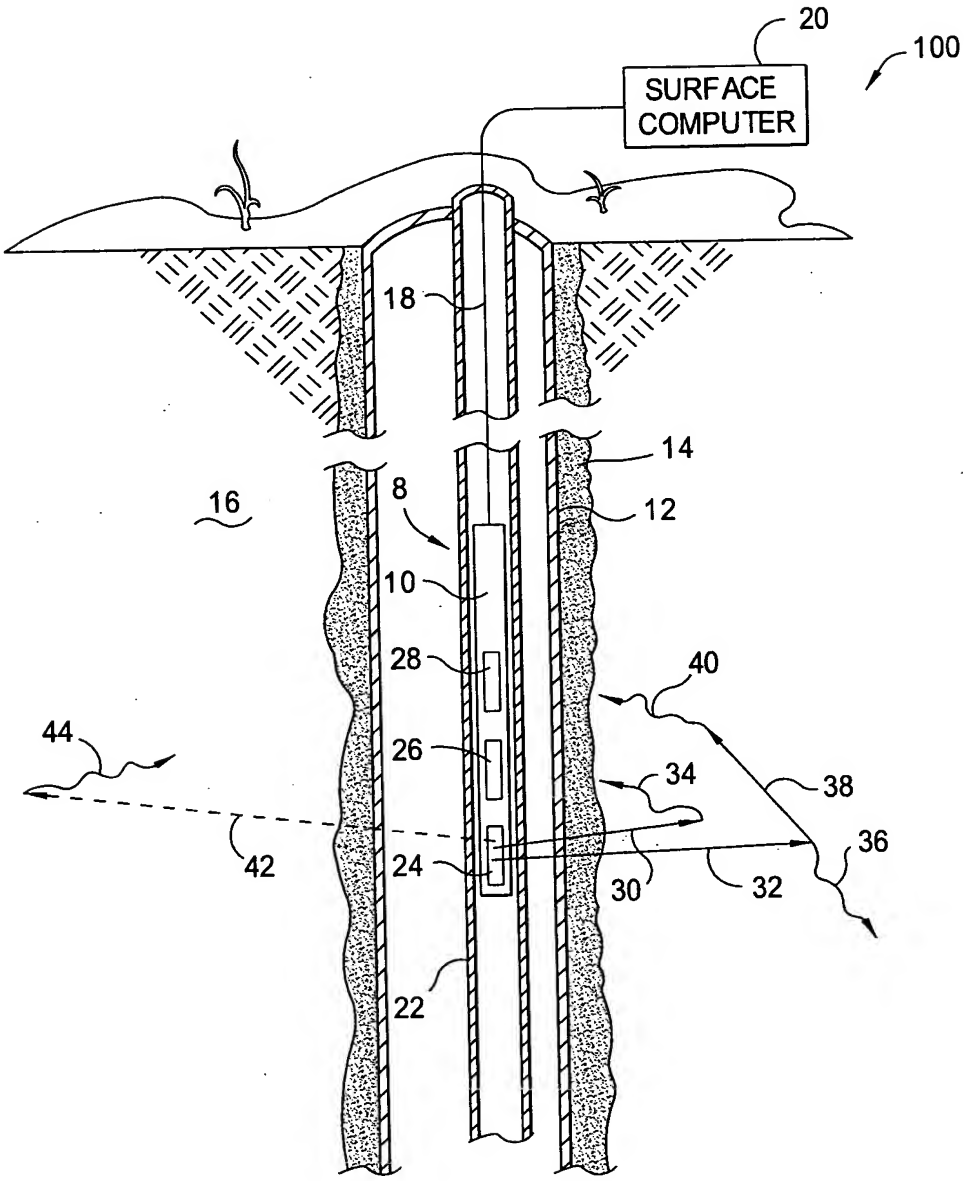
20
100
SURFACE
COMPUTER
18
14
16
8
12
10
28
40
44
26
34
38
36
42
24
30
32
22

FIG 1

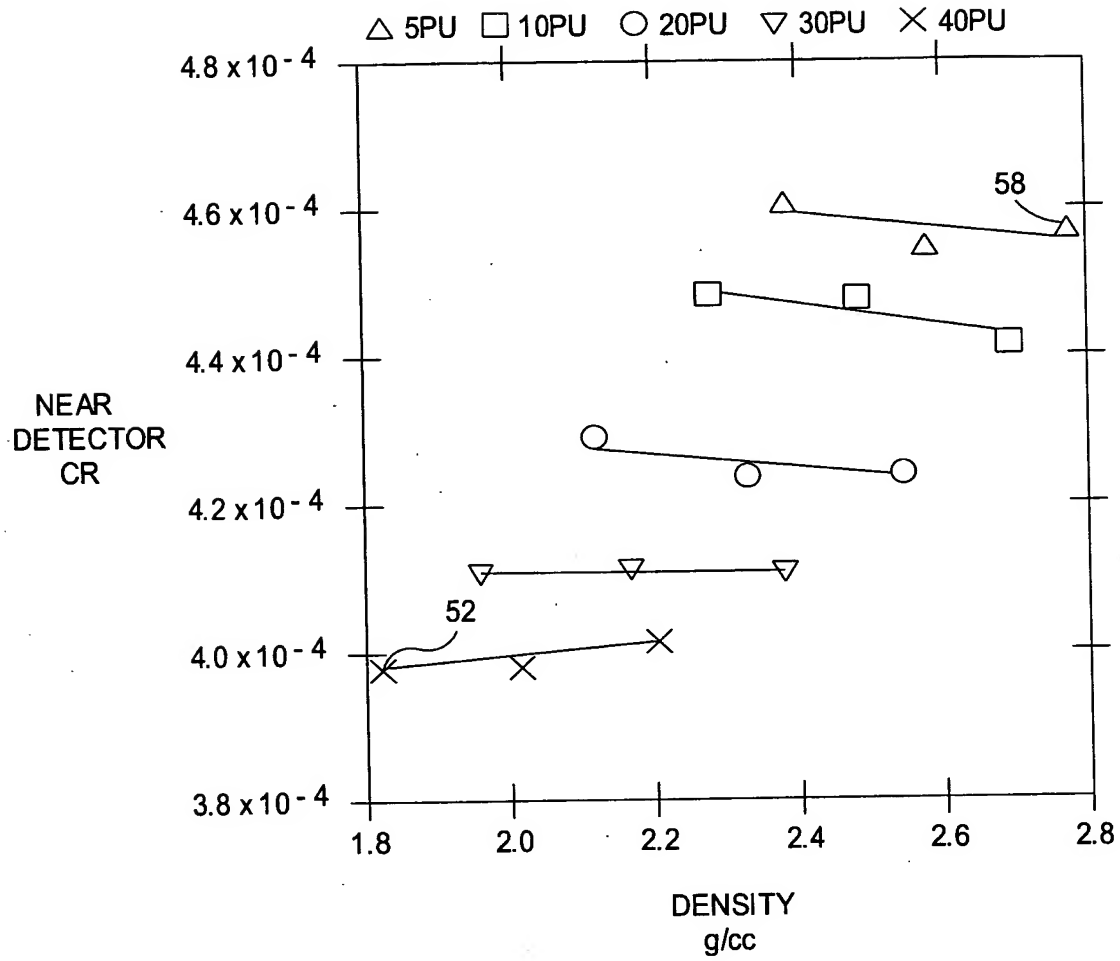
△ 5PU □ 10PU ○ 20PU ▽ 30PU × 40PU
4.8 x 10 - 4
4.6 x 10 - 4
4.4 x 10 - 4
4.2 x 10 - 4
4.0 x 10 - 4
3.8 x 10 - 4
NEAR DETECTOR CR
58
52
1.8
2.0
2.2
2.4
2.6
2.8
DENSITY g/cc

FIG 2A

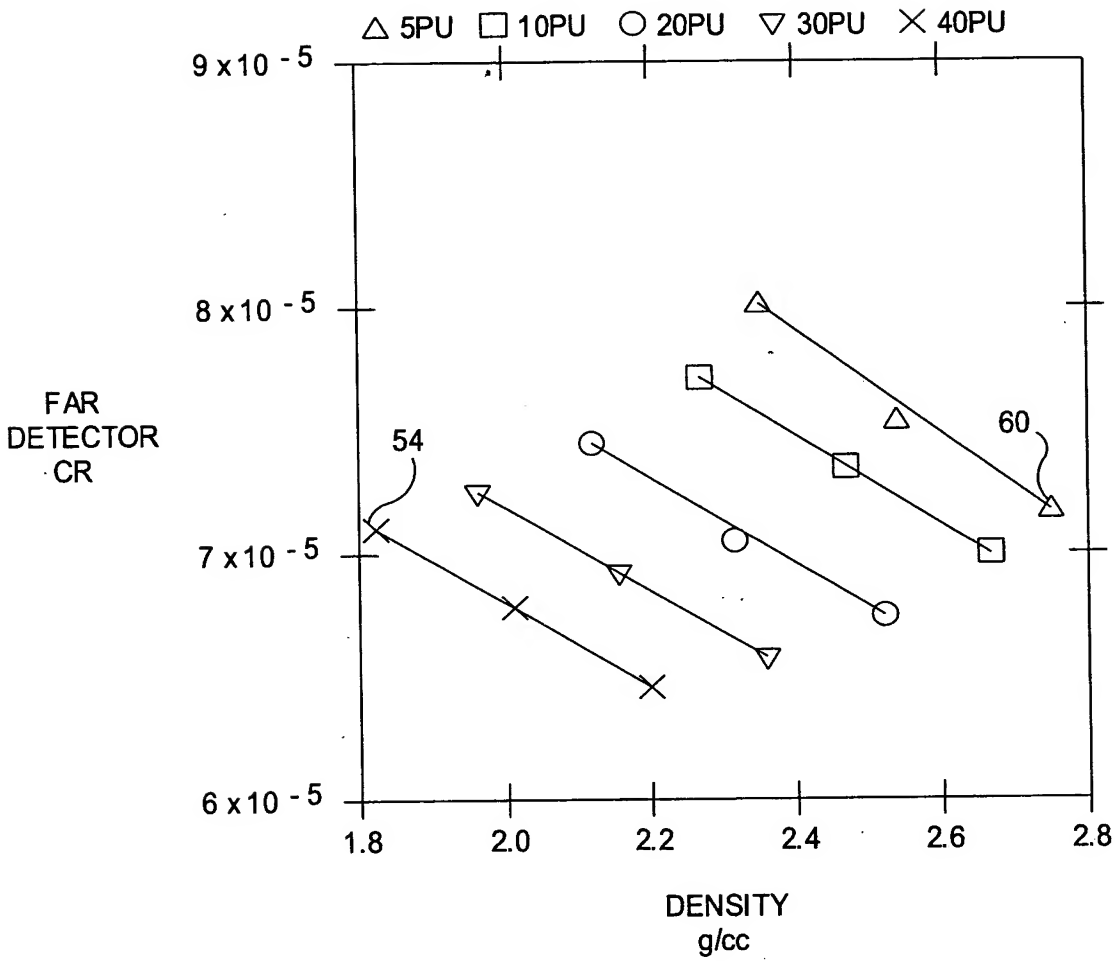
△ 5PU □ 10PU ○ 20PU ▽ 30PU × 40PU
9 x 10 - 5
8 x 10 - 5
7 x 10 - 5
6 x 10 - 5
FAR
DETECTOR
CR
54
60
1.8
2.0
2.2
2.4
2.6
2.8
DENSITY
g/cc

FIG 2B

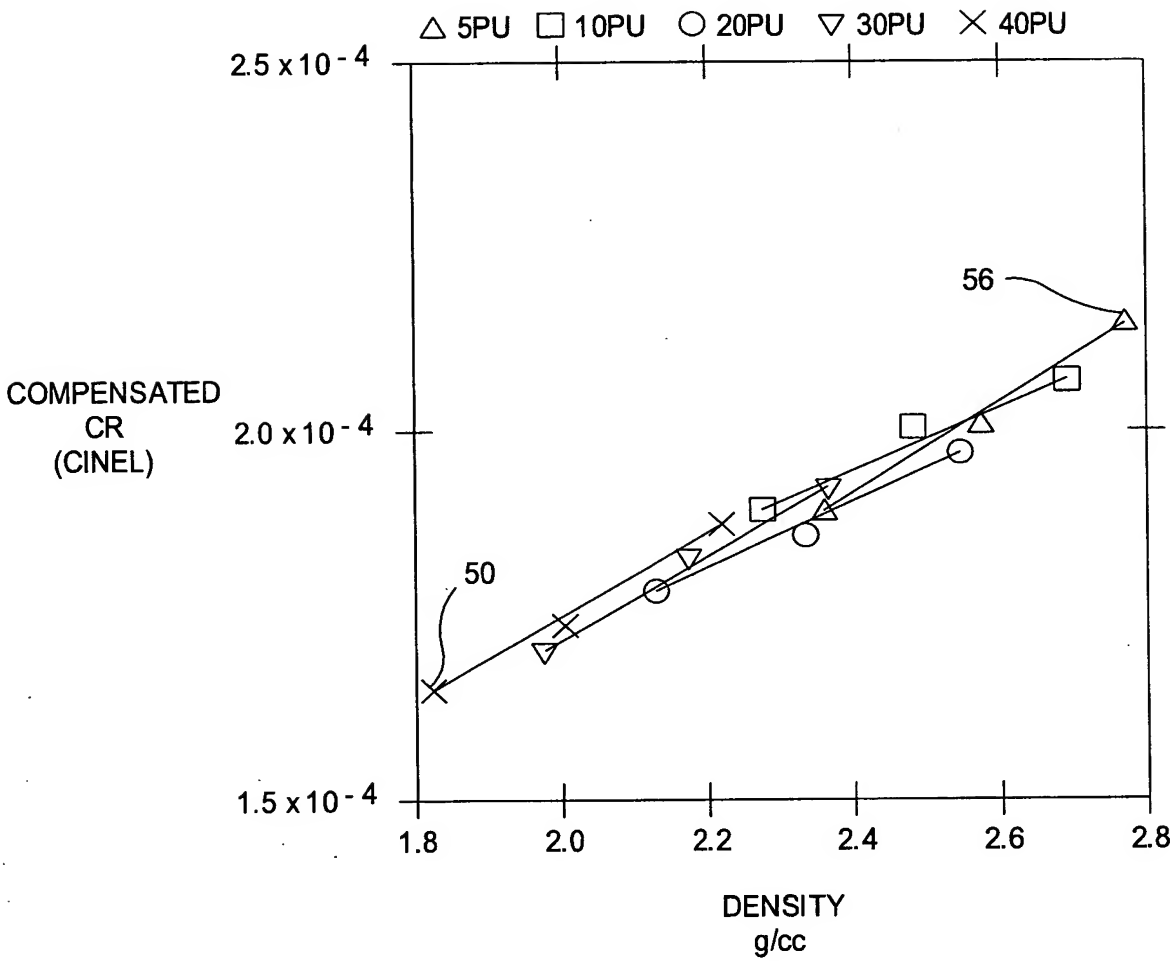
△ 5PU
□ 10PU
○ 20PU
▽ 30PU
× 40PU
2.5 x 10 - 4
2.0 x 10 - 4
1.5 x 10 - 4
COMPENSATED
CR
(CINEL)
56
50
1.8
2.0
2.2
2.4
2.6
2.8
DENSITY
g/cc

FIG 2C

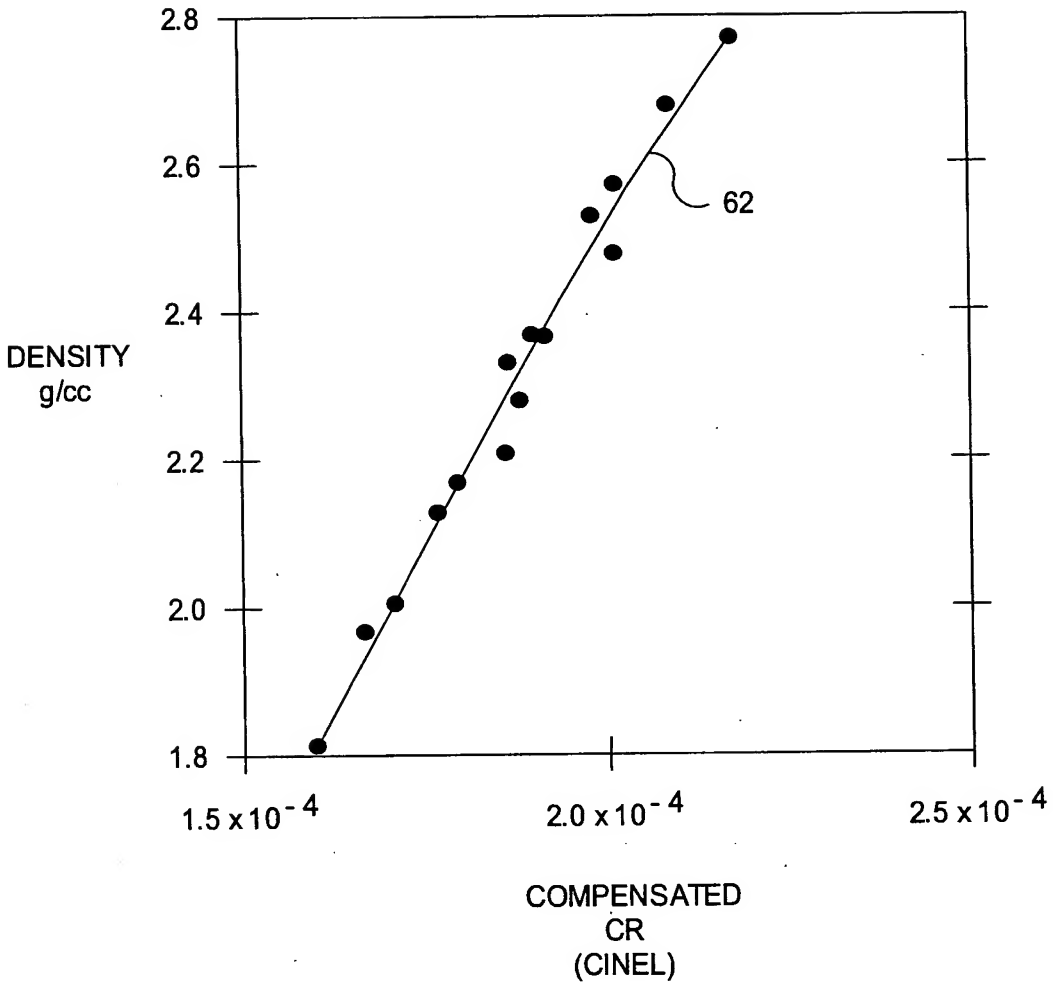
2.8
2.6
2.4
2.2
2.0
1.8
DENSITY
g/cc
62
1.5 x 10 - 4
2.0 x 10 - 4
2.5 x 10 - 4
COMPENSATED
CR
(CINEL)

FIG 2D

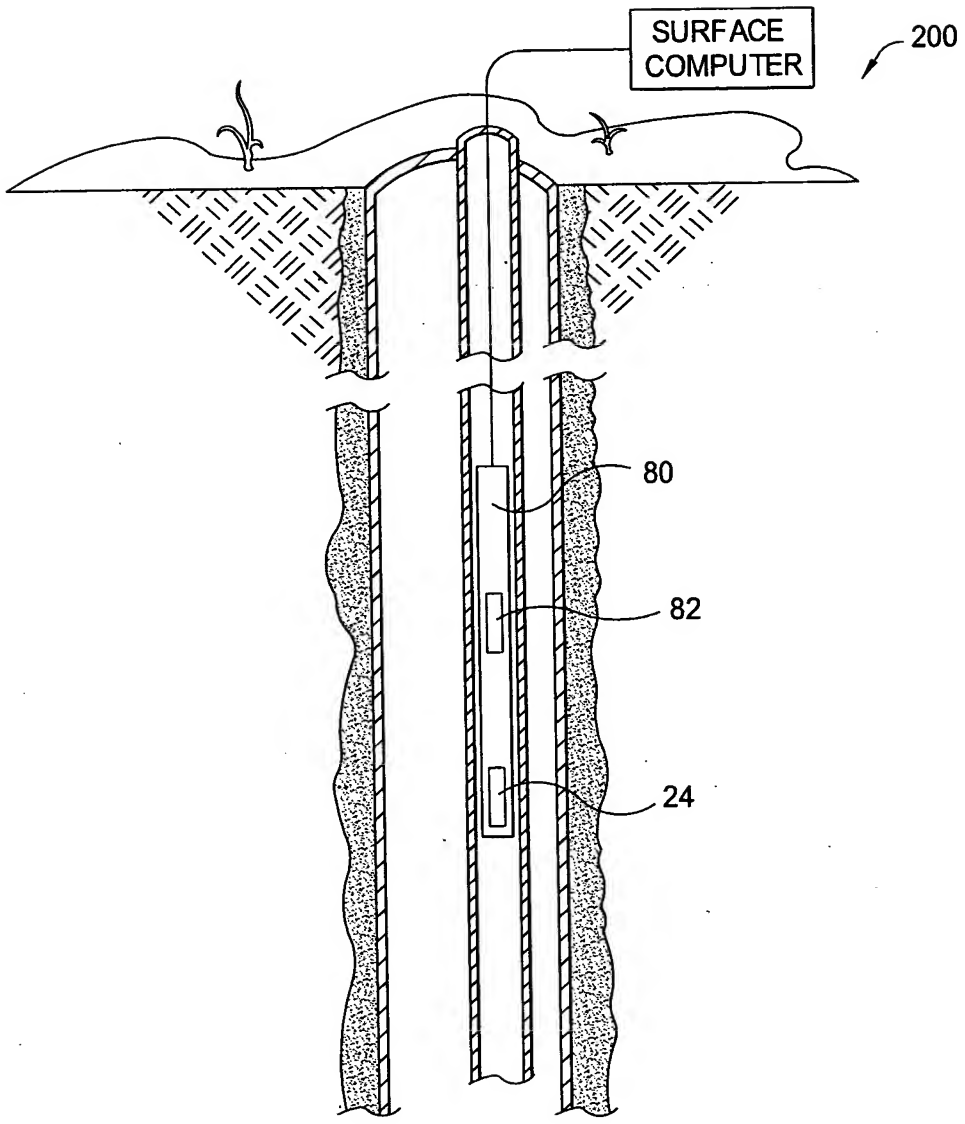

FIG 3

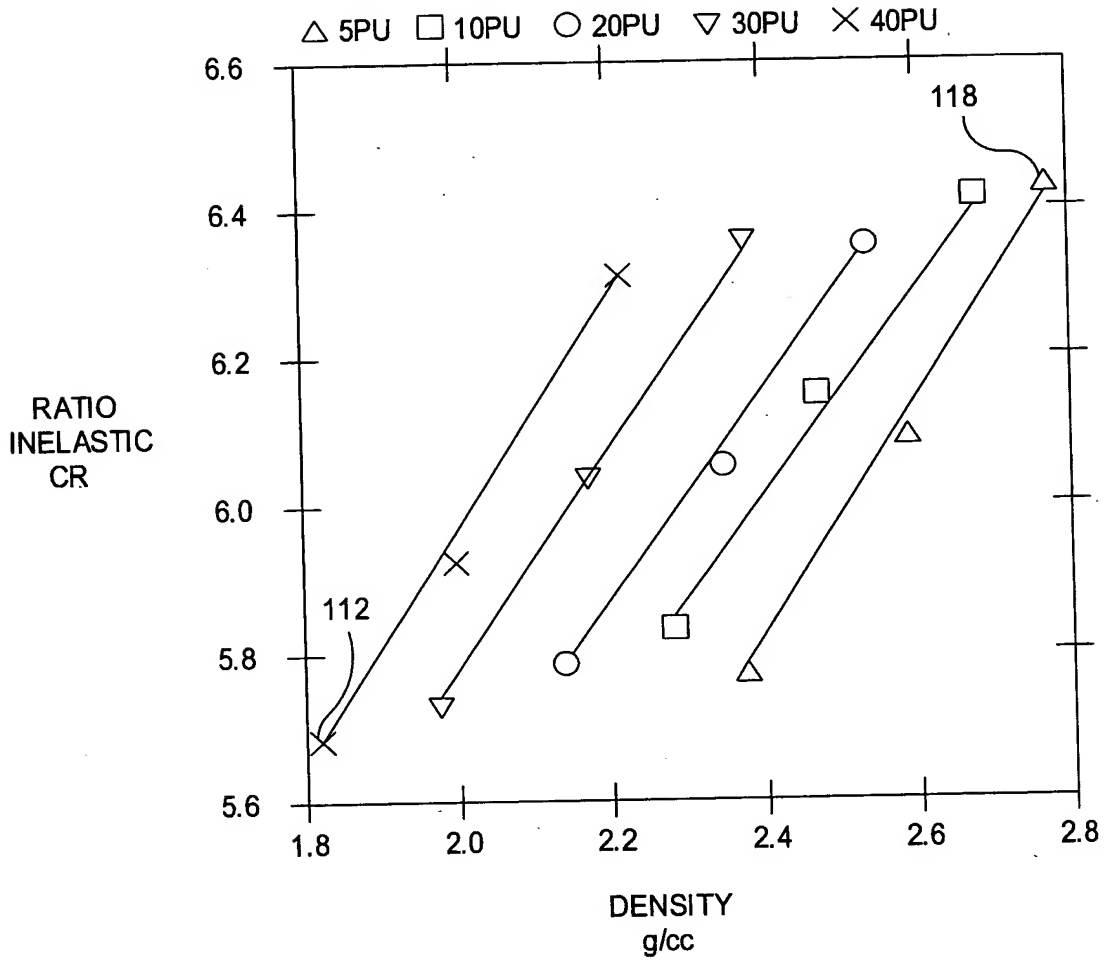
△ 5PU □ 10PU ○ 20PU ▽ 30PU × 40PU
6.6
6.4
6.2
6.0
5.8
5.6
RATIO
INELASTIC
CR
118
112
1.8
2.0
2.2
2.4
2.6
2.8
DENSITY
g/cc

FIG 4A

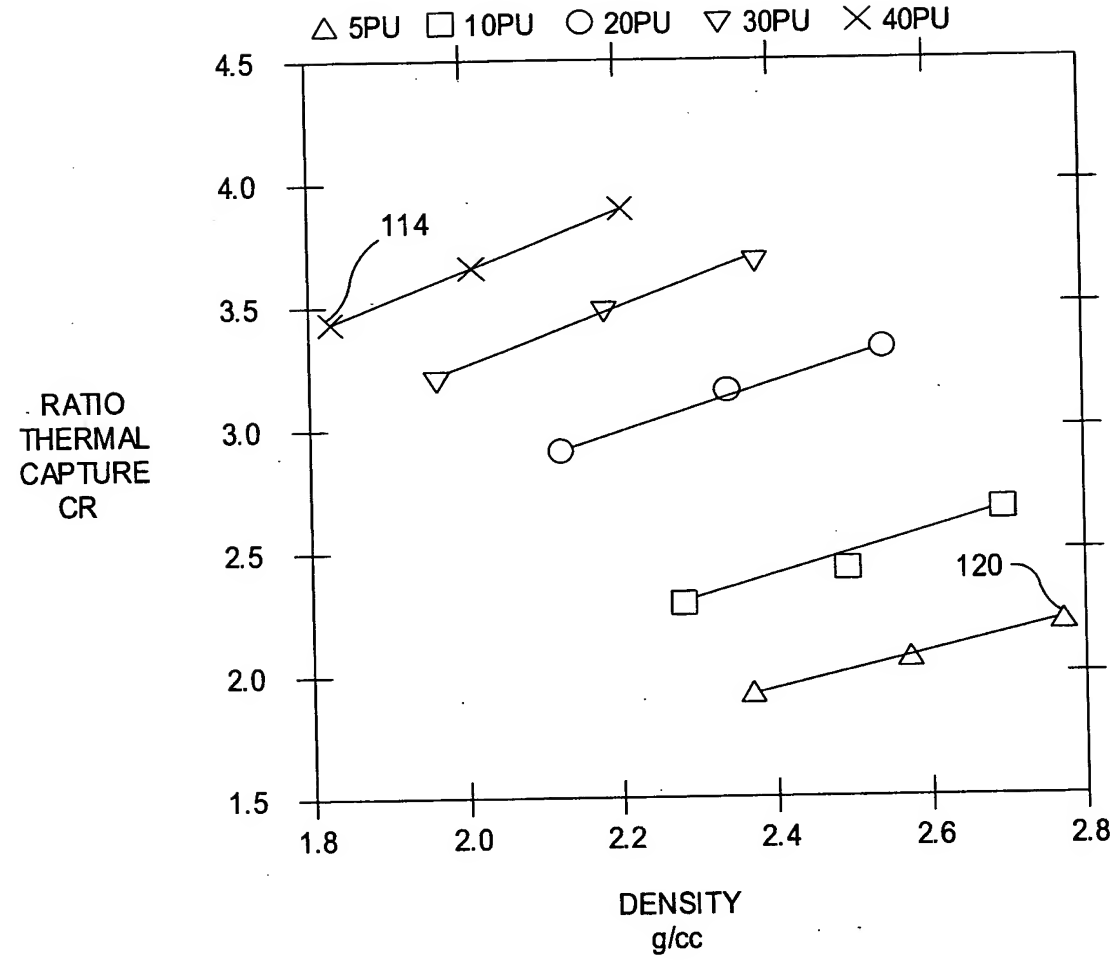
△ 5PU □ 10PU ○ 20PU ▽ 30PU × 40PU
4.5
4.0
3.5
3.0
2.5
2.0
1.5
114
120
RATIO
THERMAL
CAPTURE
CR
1.8
2.0
2.2
2.4
2.6
2.8
DENSITY
g/cc

FIG 4B

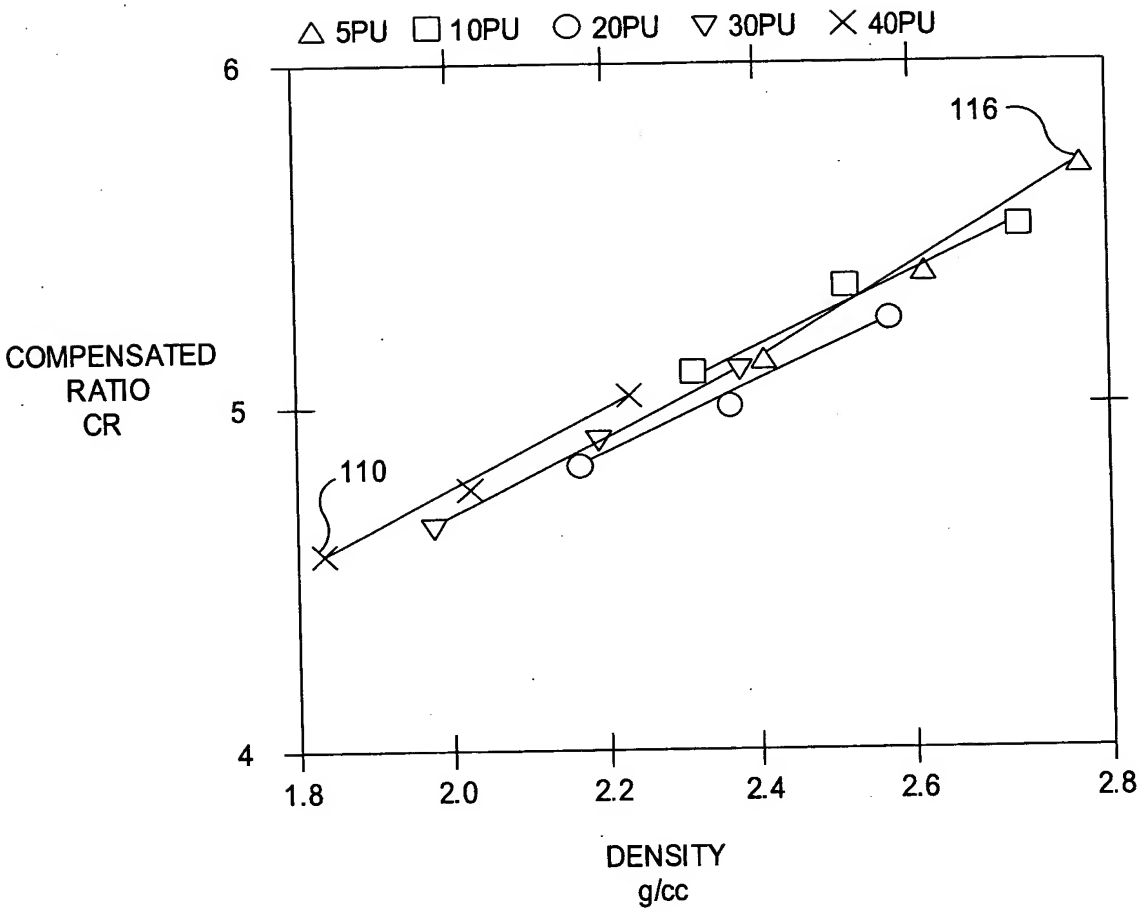
△ 5PU □ 10PU ○ 20PU ▽ 30PU × 40PU
6
5
4
116
110
COMPENSATED
RATIO
CR
1.8
2.0
2.2
2.4
2.6
2.8
DENSITY
g/cc

FIG 4C

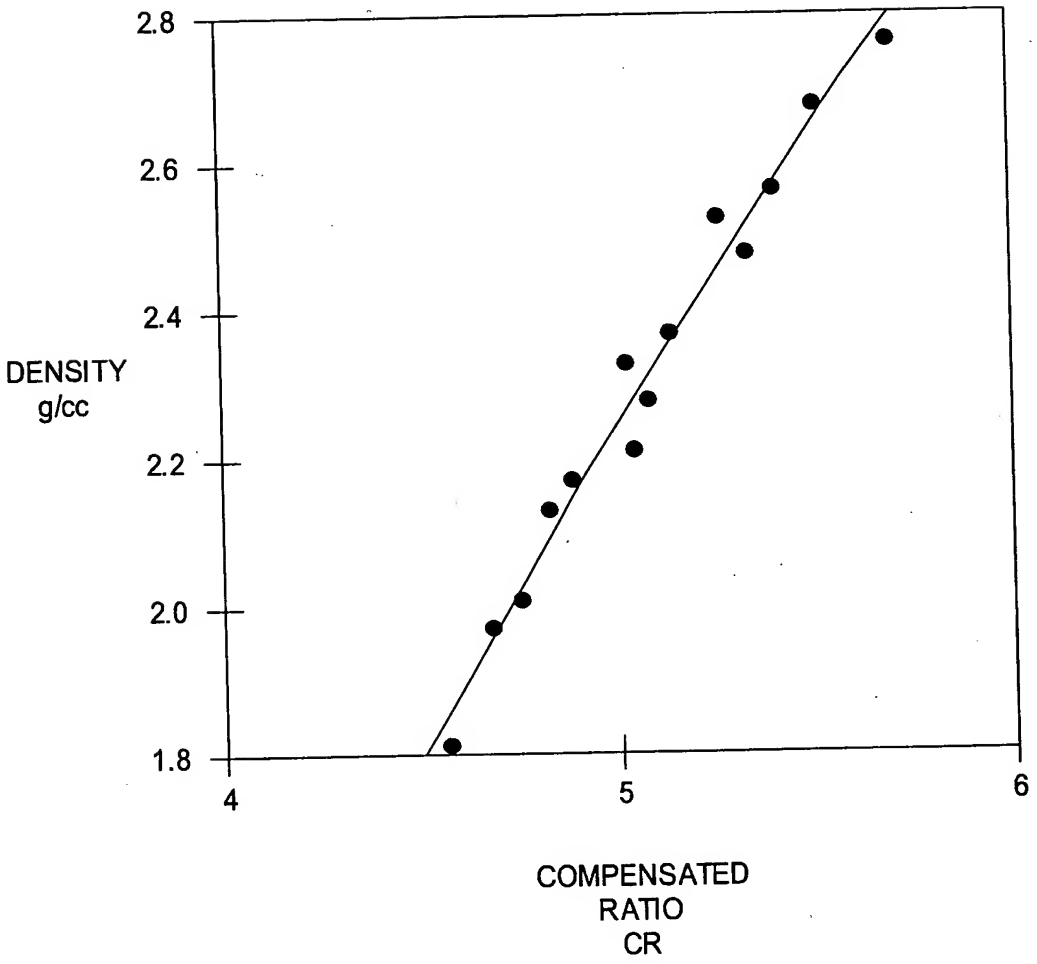

FIG 4D